

CERTIFICATE OF ANALYSIS

PRODUCT NAME : PERCHLORIC ACID 60% AR

CAS No : 7601-90-3
Mol. Formula : HClO₄
Mol. WT : 100.46
Date of Analysis : 19/11/22

Product code : 24635
Batch No : MCR-19360-01
Mfd. : Nov. 2022
Exp. : Oct. 2027

S.R	Test	Specification	Observation
1	Description	Clear colourless liquid	Clear colourless liquid
2	Assay	60.0-62.0 %	61.87%
3	Non volatile matter	0.003 % max	0.001%
4	Chlorate(ClO ₃)	0.0012 % max	< 0.0012 %
5	Chloride(Cl)	0.0001 % max	< 0.0001 %
6	Free chlorine(Cl)	0.0005 % max	< 0.0005 %
7	Nitrate(NO ₃)	0.001 % max	< 0.001 %
8	Phosphate & Silicate (SiO ₂)	0.0003 % max	< 0.0003 %
9	Sulphate(SO ₄)	0.0004 % max	< 0.0004 %
10	Ammonium(NH ₄)	0.0002 % max	< 0.0002 %
11	Arsenic (As)	0.000005 % max	< 0.000005 %
12	Copper(Cu)	0.00001 % max	< 0.00001 %
13	Iron (Fe)	0.00005% max	< 0.00005 %
14	Lead (Pb)	0.00001 % max	< 0.00001 %
15	Manganese(Mn)	0.00005 % max	< 0.00005 %
16	Mercury(Hg)	0.00001 % max	< 0.00001 %
17	Potassium(K)	0.002 % max	< 0.002 %
18	Silver(Ag)	0.00001 % max	< 0.00001 %
19	Sodium(Na)	0.002 % max	< 0.002 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Priyanka)

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.